

Substitute for form 1449A/PTO (modified)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Page 1 of 3

Application Number

10/776,152

Filing Date

February 11, 2004

First Named Inventor

Conner, Arlie R.

Art Unit

2875

Examiner Name

Unknown

Attorney Case Number

59373US002

**U.S. Patent Documents**

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
WJC	A1	US- 3,756,688	09/04/1973	Hudson et al.	
	A2	US- 5,285,318	02/08/1994	Gleckman	
	A3	US- 5,782,553	07/21/1998	McDermott	
	A4	US- 5,796,526	08/18/1998	Anderson	
	A5	US- 5,863,125	01/26/1999	Doany	
	A6	US- 6,139,156	10/31/2000	Okamori et al.	
	A7	US- 6,196,699	03/06/2001	Stanton	
	A8	US- 6,336,724	01/08/2002	Shoui et al.	
	A9	US- 6,341,867	01/29/2002	Itoh	
	A10	US- 6,398,389	06/04/2002	Bohler et al.	
	A11	US- 6,412,953	07/02/2002	Tiao et al.	
	A12	US- 6,419,365	07/16/2002	Potekev et al.	
	A13	US- 6,459,835	10/01/2002	Nagaoka et al.	
	A14	US- 6,471,358	10/29/2002	Itoh et al.	
	A15	US- 6,491,443	10/10/2002	Serizawa et al.	
	A16	US- 6,499,863	12/31/2002	Dewald	
	A17	US- 6,505,939	01/14/2003	Bierhuizen et al.	
	A18	US- 6,561,654	05/13/2003	Mukawa et al.	
	A19	US- 6,595,648	07/22/2004	Woodgate et al.	
	A20	US- 6,623,122	09/23/2003	Yamazaki et al.	
	A21	US- 6,646,806	11/11/2003	Bierhuizen	
	A22	US- 6,672,724	01/06/2004	Peterson, et al.	
	A23	US- 6,688,747	02/10/2004	Wichner et al.	
	A24	US- 6,726,329	04/27/2004	Li et al.	
	A25	US- 6,733,139	05/11/2004	Childers et al.	
	A26	US- 6,843,566	01/18/2005	Mihara	
	A27	US- 2002/0105807	08/08/2002	Loughrey	
	A28	US- 2002/0114157	08/22/2002	Fu-Ming et al.	

\*Examiner: /William Carter/

Date Considered: 04/27/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement)

<b>Substitute for form 1449A/PTO (modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 2 of 3	<b>Application Number</b>	10/776,152
	<b>Filing Date</b>	February 11, 2004
	<b>First Named Inventor</b>	Conner, Arlie R.
	<b>Art Unit</b>	2875
	<b>Examiner Name</b>	Unknown
	<b>Attorney Case Number</b>	59373US002

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
WJC	A29	US- 2002/0145708	10/10/2002	Childers et al.	
	A30	US- 2002/0154277	10/24/2002	Mukawa et al.	
	A31	US- 2002/0186350	12/12/2002	Peterson	
	A32	US- 2002/0191395	12/19/2002	Fleury	
	A33	US- 2003/0133080	07/17/2003	Ogawa	
	A34	US- 2003/0214815	11/20/2003	Ishida et al.	
	A35	US- 2004/0004176	01/08/2004	Liang	
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	A37	US- 2004/0062044	04/01/2004	Kazunari	
	A38	US- 2004/0062045	04/01/2004	Chang	
	A39	US- 2004/0080938	04/29/2004	Holman et al.	
	A40	US- 2004/0174501	09/09/2004	Slobodin et al.	
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Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-Kind Code (if known)				
WJC	B1	EP	0 083 527	07/13/1983			
	B2	EP	0 322 070	06/28/1989			
	B3	EP	0 587 371	03/16/1994			
	B4	EP	0 740 178	10/30/1996			
	B5	EP	0 881 514	12/02/1998			
	B6	EP	1 003 064	05/24/2000			
	B7	EP	1 357 333 A	10/29/2003			
	B8	EP	1 398 659	03/17/2004			
	B9	GB	1 195 547 A	06/17/1970			
	B10	JP	09-018072	01/17/1997			Abstract
	B11	JP	2000-305040	11/02/2000			Abstract

<b>*Examiner:</b> /William Carter/	<b>Date Considered:</b> 04/27/2006
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	<b>First Named Inventor</b>	<b>Conner, Arlie R.</b>
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	<b>Examiner Name</b>	<b>Unknown</b>
	<b>Attorney Case Number</b>	<b>59373US002</b>

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		Ctry. Code	Number-KindCode (If known)				
WJC	B12	JP	2002-133932	05/10/2002			Abstract
↓	B13	JP	2002-177218 A	06/25/2002			Abstract
↓	B14	JP	2002-184206	06/28/2002			Abstract
↓	B15	JP	2005-128236	05/19/2005			Abstract
↓	B16	TW	531 662 B	05/11/2003			
↓	B17	WO	2003/56876	07/10/2003			
↓	B18	WO	2004/109366	12/16/2004			

OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
WJC	C1	JACOBSON, et al., "Novel Compact Non-Imaging Collectors for LED Arrays", Illumitech, Inc., <a href="mailto:bjacobson@illumitech.com">bjacobson@illumitech.com</a>	
↓	C2	Lumileds Lighting, U.S., LLC, "Power Light Source Luxeon™ Emitter", Document # DW25 (07/25/03) pp. 1-12	
↓	C3	Smith, Warren J. "Modern Optical Engineering The Design of Optical Systems", McGraw-Hill Third Edition, (2000) pp. 245-247, 470-474	
↓	C4	Stupp, Edward H. and Brennesholtz, Matthew S. "Projection Displays" Modeling Lumen Throughput "Etendue at a flat surface" John Wiley & Sons, Inc. Ill Series (1999) p.244-245	

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		Doc. Number-(Kind Code if Known)			
WJC	A1	US- 5,662,401	9-2-97	Shimizu	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

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		Ctry. Code	Number-KindCode (If known)				
WJC	B1	WO	02/48775 A	06-20-2002			
	B2						
	B3						
	B4						
	B5						
	B6						
	B7						

**OTHER DOCUMENTS**

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	C1		
	C2		
	C3		

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Arlie R. Conner

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~~Khenh H. Le~~

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WJC	A1	US- 2003/147055	08-07-03	Yokoyama	
	A2	US- 2005/0094401	05-05	Magarill	
	A3	US- 2005/0174768	08-05	Conner	
	A4	US- 2005/0174771	08-05	Conner	
	A5	US- 2005/0174775	08-05	Conner	
	A6	US- 2005/0134811	06-05	Magarill	
	A7	US- 1,428,662	09-22	Walter	
	A8	US- 1,451,893	04-23	Walter	
	A9	US- 2,587,956	03-52	Roy	
	A10	US- 5,839,823	11-24-98	Hou	
	A11	US- 5,900,981	05-04-99	Oren	
	A12	US- 5,969,872	10-19-99	Oren	
	A13	US- 6,469,755	10-22-02	Adachi	
	A14	US- 6,491,443	12-10-02	Serizawa	
	A15	US- 6,788,471	09-04	Wagner	

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		Ctry. Code	Number-KindCode (if known)				
WJC	B1	WO	2002/065184	08-22-02			
	B2	WO	2004/043076	5-21-04			
	B3	EP	0 795 771	09-17-97			
	B4	EP	0 083 527	07-13-83			
	B5	EP	1 363 460	11-19-03			
	B6	EP	1 347 653	09-24-03			
	B7	EP	0 493 800	07-08-92			
	B8						

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	<b>Examiner Name</b>	<del>Khenn H. Le</del>
	<b>Attorney Case Number</b>	<b>59373US002</b>

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<b>WJC</b>	<b>C1</b>	<b>Light Emitting Diodes 2003, October 15-17, 2002, "Optical Design for LED Based Devices" Juan Manuel Teijido, Sony International (Europe) GmbH, Sony Corporate Laboratories Europe</b>	
	<b>C2</b>		
	<b>C3</b>		

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	Examiner Name	
	Attorney Case Number	59373US002

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		Doc. Number (Kind Code if Known)			
WJC	A1	US- 2001/0022813A1	9-20-01	Matsui	
	A2	US- 2001/0048131A1	11-29-01	Hoelen	
	A3	US- 2002/0097000A1	7-25-02	Muthu	
	A4	US- 2002/0159036A1	10-31-02	Yamagishi	
	A5	US- 2003/0018539A1	1-23-03	Minano	
	A6	US- 2003/0193649A1	10-18-03	Seki	
	A7	US- 3,984,178	10-5-76	Bergqvist	
	A8	US- 4,915,489	4-10-90	Minko	
	A9	US- 5,428,365	6-27-95	Harris	
	A10	US- 5,442,414	8-15-95	Janssen	
	A11	US- 5,592,188	1-7-97	Doherty	
	A12	US- 5,625,738	4-29-97	Magarill	
	A13	US- 5,833,737	5-27-97	Tanaka	
	A14	US- 5,719,708	2-17-98	Masumoto	
	A15	US- 5,757,341	5-28-98	Clarke	
	A16	US- 5,764,319	6-9-98	Nishihara	
	A17	US- 5,971,845	10-26-99	Haltz	
	A18	US- 5,987,793	11-23-99	Ebine	
	A19	US- 6,028,694	2-22-00	Schmidt	
	A20	US- 6,061,183	5-9-00	Nakai	
	A21	US- 6,104,458	8-15-00	Fukuda	
	A22	US- 6,104,541	8-15-00	Otomo	
	A23	US- 6,144,426	11-7-00	Ygmazaki	
	A24	US- 6,177,781	1-23-01	Pelka	
	A25	US- 6,224,216	5-1-01	Parker	
	A26	US- 6,227,669	5-8-01	Tiao	
✓	A27	US- 6,236,512	5-22-01	Nakai	
	A28	US- 6,252,836	6-28-01	Bartlett	

*Examiner: /William Carter/	Date Considered: 04/27/2006
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		Doc. Number (Kind Code if Known)			
WJC	A29	US- 6,254,237	7-3-01	Booth	
	A30	US- 6,318,863	11-20-01	Tiao	
	A31	US- 6,330,039	12-11-01	Matsui	
	A32	US- 6,332,888	12-25-01	Magarill	
	A33	US- 6,402,347	6-11-02	Maas	
	A34	US- 6,483,198	11-19-02	Wojnarowski	
	A35	US- 6,527,419	3-4-03	Galli	
	A36	US- 6,547,400	4-15-03	Yokoyama	
	A37	US- 6,547,423	4-15-03	Marshall	
	A38	US- 6,570,190	5-27-03	Krames	
	A39	US- 6,591,037	7-8-03	Yonekubo	
	A40	US- 6,644,814	11-11-03	Ogawa	
	A41	US- 6,657,236	12-2-03	Thibeault	
	A42	USSN 10/727,220	Filed 12-2-03	Schultz	
	A43	USSN 10/748,653	Filed 12-30-03	Cannon	
	A44	USSN 10/726,225	Filed 12-2-03	Henson	
	A45	USSN 10/726,222	Filed 12-2-03	Henson	
	A46	USSN 10/776,390	Filed 2-11-04	Conner	
✓	A47	USSN 10/776,155	Filed 2-11-04	Conner	
	A48	US-			

OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
WJC	C1	Secondary Optics Design Considerations for SuperFlux LEDs, application brief AB20-6, Appendix 5A, pages 5-22	
WJC	C2	STEVE PAOLINI, GERARD HARBERS, MATTHIJS KEUPER, Lumileds, Light from Silicon Valley, High-Power LED Illuminators In Projection Displays, pages 1-19	
WJC	C3	GERARD HARBERS, WIM TIMMERS, WILLEM SILLEVIS-SMITT, LED Backlighting for LCD HDTV, Journal of the SID, 10/4, 2002, pages 347-350	

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WJC	C4	STEVE PAOLINI, GERARD HARBERS, MATTHIJS KEUPER, Lumileds, Light from Silicon Valley, Performance of High-Power LED Illuminators in Projection Displays	
WJC	C5	LumiBright Light Engine, Innovations In Optics, Inc, Woburn, Massachusetts	

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First Named Inventor

Arle R. Conner

Art Unit

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WJC	A1	US- 2004/114250	06-17-2004	Kato	
WJC	A2	US- 5,900,982	05-04-1999	Dolgoft	
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			

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WJC	B1	WO	2005/078496	08-25-2005			
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	B3						
	B4						
	B5						
	B6						
	B7						

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WJC	A1	US- 2001/0022613A1	9-20-01	Matsui	
	A2	US- 2001/0048131A1	11-29-01	Hoelen	
	A3	US- 2002/0097000A1	7-25-02	Muthu	
	A4	US- 2002/0159036A1	10-31-02	Yamagishi	
	A5	US- 2003/0018539A1	1-23-03	Minano	
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	A7	US- 3,984,178	10-5-76	Bergqvist	
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	A28	US- 6,252,636	6-26-01	Bartlett	

\*Examiner: /William Carter/

Date Considered: 04/27/2006

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for form 1449A/PTO (filed)

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STATEMENT BY APPLICANT**

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Application Number	10/776,152
Filing Date	February 11, 2004
First Named Inventor	Conner, Arlie R.
Art Unit	2875
Examiner Name	
Attorney Case Number	59373US002

U.S. Patent Documents					
Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number (Kind Code if Known)			
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OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
WJC	C1	Secondary Optics Design Considerations for SuperFlux LEDs, application brief AB20-6, Appendix 5A, pages 5-22	
↓	C2	STEVE PAOLINI, GERARD HARBERS, MATTHIJS KEUPER, Lumileds, Light from Silicon Valley, High-Power LED Illuminators in Projection Displays, pages 1-19	
↓	C3	GERARD HARBERS, WIM TIMMERS, WILLEM SILLEVIS-SMITT, LED Backlighting for LCD HDTV, Journal of the SID, 10/4, 2002, pages 347-350	

\*Examiner: /William Carter/

Date Considered: 04/27/2006

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Application Number	10/776,152
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**OTHER DOCUMENTS**

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WJC	C4	STEVE PAOLINI, GERARD HARBERS, MATTHIJS KEUPER, Lumileds, Light from Silicon Valley, Performance of High-Power LED Illuminators in Projection Displays	
WJC	C5	LumiBright Light Engine, Innovations in Optics, Inc, Woburn, Massachusetts	

*Examiner: /William Carter/	Date Considered: 04/27/2006
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